

REMARKS

In the Office Action dated August 28, 2003, the Examiner indicated that claims 4 - 14, 18 - 28, and 32 - 42, would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Claim 4 has been rewritten in independent form incorporating the elements of claim 1, claim 2, and claim 3. Claim 18 has been rewritten in independent form incorporating the elements of claim 15, claim 16, and claim 17. Claim 32 has been rewritten in independent form incorporating the elements of claim 29, claim 30, and claim 31.

In the Office Action dated August 28, 2003, the Examiner provisionally rejected claims 1 - 42 under 35 U.S.C. 101 as claiming the same invention as that of claims 1 - 36 of copending Applicant No. 09/968,590. In response, Applicant has added claims 1 - 14 recited in Application No. 09/968,590 as new claims 43 through 53 herein, wherein new claim 43 herein comprises the elements of claims 1, 2, 3, and 4 of Application No. 09/968,590. Support for new claims 43 through 53 can be found in the Specification at pages 5 through 20, inclusive. Upon be advised that new claims 43 through 53 are allowable, Applicants will abandon Application No. 09/968,590.

In the Office Action dated August 28, 2003, the Examiner provisionally rejected claims 1 - 42 under 35 U.S.C. 101 has claiming the same invention as those of claims 1 - 42 of copending Application No. 09/968,591. Upon being advised that claims 4 - 14, 18 - 28, and 32 - 42, as amended herein, are allowable, Applicants will abandon Application No. 09/968,591.

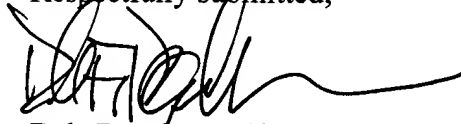
No new matter has been entered. Reexamination and reconsideration of the application, as amended, is respectfully requested.

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Having dealt with all of the outstanding objections and/or rejections of the claims, Applicants submit that the application as amended is in condition for allowance, and an allowance at an early date is respectfully solicited. In the event there are any fee deficiencies or additional fees are payable, please charge them, or credit an overpayment, to our Deposit Account No. 502262.

Respectfully submitted,



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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on November, 28, 2003, at Tucson, AZ.

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EXHIBIT 1

LISTING OF CLAIMS

APPLICATION NO. 09/977,467

A1
1 1. (Presently Canceled) A data storage device comprising a computer useable
2 medium having computer readable program code disposed therein for recording
3 information on a data storage medium, the computer readable program code comprising a
4 series of computer readable program steps to effect:

5 receiving a first command to record first information on said data storage
6 medium;

7 receiving said first information;

8 moving said data storage medium in a first direction;

9 recording said first information beginning at a first time on said moving data
10 storage medium;

11 receiving a first deferred conditional write tape mark command; and

12 setting at a second time a first deferred conditional tape mark indicator.

1 2. (Presently Canceled) The data storage device of claim 1, wherein said first
2 information comprises:

3 a first header label group;

4 first data; and

5 a first trailer label group.

1 3. (Presently Canceled) The data storage device of claim 2, wherein said
2 computer readable program code further comprises a series of computer readable
3 program steps to effect:

4 writing said first header label group to said moving data storage medium;

5 writing a first tape mark adjacent said first header label group;

6 writing said first data adjacent said first tape mark;

7 writing a second tape mark adjacent said first data;
8 writing said first trailer label group adjacent said second tape mark; and
9 writing a third tape mark adjacent said first trailer label group.

1 4. (Presently Amended) ~~The data storage device of claim 1, wherein said~~
2 ~~computer readable program code further comprises a series of computer readable~~
3 ~~program steps to effect:~~ A data storage device comprising a computer useable medium
4 having computer readable program code disposed therein for recording information on a
5 data storage medium, the computer readable program code comprising a series of
6 computer readable program steps to effect:

7 receiving a first command to record first information on said data storage
8 medium;

9 receiving said first information, wherein said first information comprises a first
10 header label group, first data, a first trailer label group;

11 moving said data storage medium in a first direction;

12 recording said first information beginning at a first time on said moving data
13 storage medium;

14 receiving a first deferred conditional write tape mark command; and

15 setting at a second time a first deferred conditional tape mark indicator;

16 writing said first header label group to said moving data storage medium;

17 writing a first tape mark adjacent said first header label group;

18 writing said first data adjacent said first tape mark;

19 writing a second tape mark adjacent said first data;

20 writing said first trailer label group adjacent said second tape mark; and

21 writing a third tape mark adjacent said first trailer label group;
22 specifying a deferred conditional tape mark indicator time interval; and
23 maintaining said first deferred conditional tape mark indicator during said
24 deferred conditional tape mark indicator time interval.

1 5. (Original) The data storage device of claim 4, wherein said deferred
2 conditional tape mark indicator time interval is between about 5 seconds and about 20
3 seconds.

1 6. (Original) The data storage device of claim 5, wherein said deferred
2 conditional tape mark indicator time interval is about 10 seconds.

1 7. (Original) The data storage device of claim 4, wherein said computer readable
2 program code further comprises a series of computer readable program steps to effect:
3 receiving a second command at a third time to record second information on said
4 data storage medium, wherein the time interval between said second time and said third
5 time is less than said deferred conditional tape mark indicator time interval;
6 receiving said second information;
7 resetting said first conditional deferred tape mark indicator;
8 moving said data storage medium in a first direction;
9 recording said second information on said moving data storage medium;
10 receiving a second deferred conditional write tape mark command;
11 setting a second deferred conditional tape mark indicator at a fourth time;
12 moving said data storage medium only in said first direction during the time
13 interval between said first time and said fourth time.

1 8. (Original) The data storage device of claim 7, wherein said second
2 information comprises:

3 a second header label group;
4 second data; and
5 a second trailer label group.

1 9. (Original) The data storage device of claim 8, wherein said computer readable
2 program code further comprises a series of computer readable program steps to effect:

3 writing said second header label group to said moving data storage medium
4 adjacent said third tape mark;

5 writing a fourth tape mark to said moving data storage medium adjacent said
6 second header label group;

7 writing said second data to said moving data storage medium adjacent said fourth
8 tape mark;

9 writing a fifth tape mark to said moving data storage medium adjacent said
10 second data;

11 writing said second trailer label group to said moving data storage medium
12 adjacent said fifth tape mark; and

13 writing a sixth tape mark to said moving data storage medium adjacent said
14 second trailer label group.

1 10. (Original) The data storage device of claim 3, wherein said computer
2 readable program code further comprises a series of computer readable program steps to
3 effect:

receiving a second command, wherein said second command causes motion of said data storage medium in a second direction or causes synchronization of said data storage medium;

resetting said first deferred conditional tape mark indicator;

disposing a double tape mark on said data storage medium by writing a fourth tape mark adjacent said third tape mark;

moving said data storage medium in a second direction;

positioning said read/write head between said third tape mark and said fourth tape mark.

11. (Original) The data storage device of claim 10, wherein said computer readable program code further comprises a series of computer readable program steps to effect:

determining if said double tape mark was successfully written to said data storage medium;

determining if said read/write head was successfully positioned between said third tape mark and said fourth tape mark.

12. (Original) The data storage device of claim 11, wherein said double tape mark was not successfully written to said data storage medium, and wherein said read/write head was successfully repositioned between said third tape mark and said fourth tape mark, wherein said computer readable program code further comprises a series of computer readable program steps to effect indicating an UNWRITTEN DEFERRED TAPE MARK error message.

1 13. (Original) The data storage device of claim 11, wherein said double tape
2 mark was successfully written to said data storage medium, and wherein said read/write
3 head was not successfully repositioned between said third tape mark and said fourth tape
4 mark, wherein said computer readable program code further comprises a series of
5 computer readable program steps to effect indicating a DATA CHECK/LOST
6 POSITIONING error message.

1 14. (Original) The data storage device of claim 11, wherein said double tape
2 mark was not successfully written to said data storage medium, and wherein said
3 read/write head was not successfully repositioned between said third tape mark and said
4 fourth tape mark, wherein said computer readable program code further comprises a
5 series of computer readable program steps to effect:

6 indicating a DATA CHECK/LOST POSITIONING error message; and

7 indicating an UNWRITTEN DEFERRED TAPE MARK error message.

1 15. (Presently Canceled) A data storage and retrieval system comprising a data
2 storage device, a data storage medium removeably disposed in said data storage device,
3 and a host computer which provides first information to said data storage device, wherein
4 said data storage device comprises a computer useable medium having computer readable
5 program code disposed therein for recording information on a data storage medium
6 storage medium, the computer readable program code comprising a series of computer
7 readable program steps to effect:

8 receiving a first command to record first information on said data storage
9 medium;

10 receiving said first information;

11 moving said data storage medium in a first direction;
12 recording said first information on said moving data storage medium beginning at
13 a first time;
14 receiving a first deferred conditional write tape mark command; and
15 setting a first deferred conditional tape mark indicator at a second time.

1 16. (Presently Canceled) The data storage and retrieval system of claim 15,
2 wherein said first information comprises:

3 a first header label group;
4 first data; and
5 a first trailer label group.

1 17. (Presently Canceled) The data storage and retrieval system of claim 16,
2 wherein said computer readable program code further comprises a series of computer
3 readable program steps to effect:

4 writing said first header label group to said moving data storage medium;
5 writing a first tape mark adjacent said first header label group;
6 writing said first data adjacent said first tape mark;
7 writing a second tape mark adjacent said first data;
8 writing said first trailer label group adjacent said second tape mark; and
9 writing a third tape mark adjacent said first trailer label group.

1 18. (Presently Amended) ~~The data storage and retrieval system of claim 15,~~
2 ~~wherein said computer readable program code further comprises a series of computer~~
3 ~~readable program steps to effect:~~ A data storage and retrieval system comprising a data
4 storage device, a data storage medium removeably disposed in said data storage device,

5 and a host computer which provides first information to said data storage device, wherein
6 said data storage device comprises a computer useable medium having computer readable
7 program code disposed therein for recording information on a data storage medium
8 storage medium, the computer readable program code comprising a series of computer
9 readable program steps to effect:

10 receiving a first command to record first information on said data storage
11 medium;

12 receiving said first information, wherein said first information comprises a first
13 header label group, first data, and a first trailer label group;

14 moving said data storage medium in a first direction;

15 recording said first information on said moving data storage medium beginning at
16 a first time;

17 receiving a first deferred conditional write tape mark command;

18 setting a first deferred conditional tape mark indicator at a second time;

19 writing said first header label group to said moving data storage medium;

20 writing a first tape mark adjacent said first header label group;

21 writing said first data adjacent said first tape mark;

22 writing a second tape mark adjacent said first data;

23 writing said first trailer label group adjacent said second tape mark; and

24 writing a third tape mark adjacent said first trailer label group;

25 specifying a deferred conditional tape mark indicator time interval; and

26 maintaining said first deferred conditional tape mark indicator during said

27 deferred conditional tape mark indicator time interval.

1 19. (Original) The data storage and retrieval system of claim 18, wherein said
2 deferred conditional tape mark indicator time interval is between about 5 seconds and
3 about 20 seconds.

1 20. (Original) The data storage and retrieval system of claim 19, wherein said
2 deferred conditional tape mark indicator time interval is about 10 seconds.

Al 1 21. (Original) The data storage and retrieval system of claim 15, wherein said
2 computer readable program code further comprises a series of computer readable
3 program steps to effect:

4 receiving a second command at a third time to record second information on said
5 data storage medium, wherein the time interval between said second time and said third
6 time is less than said deferred conditional tape mark indicator time interval;

7 receiving said second information from said host computer;

8 resetting said first conditional deferred tape mark indicator;

9 moving said data storage medium in said second direction;

10 recording said second information on said moving data storage medium;

11 receiving a second deferred conditional write tape mark command;

12 setting a second deferred conditional tape mark indicator at a fourth time;

13 wherein said data storage medium is moved only in said first direction during the
14 time interval between said first time and said fourth time.

1 22. (Original) The data storage and retrieval system of claim 21, wherein said
2 second information comprises:

3 a second header label group;

4 second data; and

5 a second trailer label group.

1 23. (Original) The data storage and retrieval system of claim 22, wherein said
2 computer readable program code further comprises a series of computer readable
3 program steps to effect:

4 writing said second header label group to said moving data storage medium
5 adjacent said third tape mark;

AI 6 writing a fourth tape mark to said moving data storage medium adjacent said
7 second header label group;

8 writing said second data to said moving data storage medium adjacent said fourth
9 tape mark;

10 writing a fifth tape mark to said moving data storage medium adjacent said
11 second data;

12 writing said second trailer label group to said moving data storage medium
13 adjacent said fifth tape mark; and

14 writing a sixth tape mark to said moving data storage medium adjacent said
15 second trailer label group.

1 24. (Original) The data storage and retrieval system of claim 15, wherein said
2 computer readable program code further comprises a series of computer readable
3 program steps to effect:

4 receiving a second command, wherein said second command causes motion of
5 said data storage medium in a second direction or causes synchronization of said data
6 storage medium;

7 resetting said first deferred conditional tape mark indicator;

8 disposing a double tape mark on said data storage medium by writing a fourth
9 tape mark adjacent said third tape mark;
10 moving said data storage medium in a second direction;
11 positioning said read/write head between said third tape mark and said fourth tape
12 mark.

AI 1 25. (Original) The data storage and retrieval system of claim 24, wherein said
2 computer readable program code further comprises a series of computer readable
3 program steps to effect:
4 determining if said double tape mark was successfully written to said data storage
5 medium;
6 determining if said read/write head was successfully positioned between said third
7 tape mark and said fourth tape mark.

1 26. (Original) The data storage and retrieval system of claim 25, wherein said
2 double tape mark was not successfully written to said data storage medium, and wherein
3 said read/write head was successfully repositioned between said third tape mark and said
4 fourth tape mark, wherein said computer readable program code further comprises a
5 series of computer readable program steps to effect indicating an UNWRITTEN
6 DEFERRED TAPE MARK error message.

1 27. (Original) The data storage and retrieval system of claim 25, wherein said
2 double tape mark was successfully written to said data storage medium, and wherein said
3 read/write head was not successfully repositioned between said third tape mark and said
4 fourth tape mark, wherein said computer readable program code further comprises a

5 series of computer readable program steps to effect indicating a DATA CHECK/LOST
6 POSITIONING error message.

1 28. (Original) The data storage and retrieval system of claim 25, wherein said
2 double tape mark was not successfully written to said data storage medium, and wherein
3 said read/write head was not successfully repositioned between said third tape mark and
4 said fourth tape mark, wherein said computer readable program code further comprises a
5 series of computer readable program steps to effect:

6 indicating a DATA CHECK/LOST POSITIONING error message; and
7 indicating an UNWRITTEN DEFERRED TAPE MARK error message.

1 29. (Presently Canceled) A computer program product usable with a
2 programmable computer processor having computer readable program code embodied
3 therein for disposing information on a data storage medium using a data storage device
4 comprising a read/write head, comprising:

5 computer readable program code which causes said programmable computer
6 processor to receive a first command to record first information on said data storage
7 medium;

8 computer readable program code which causes said programmable computer
9 processor to receive said first information;

10 computer readable program code which causes said programmable computer
11 processor to move said data storage medium in a first direction;

12 computer readable program code which causes said programmable computer
13 processor to record said first information on said moving data storage medium beginning
14 at a first time;

15 computer readable program code which causes said programmable computer
16 processor to receive a first deferred conditional write tape mark command; and
17 computer readable program code which causes said programmable computer
18 processor to set a first deferred conditional tape mark indicator at a second time.

1 30. (Presently Canceled) The computer program product of claim 29, wherein
2 said first information comprises:

3 a first header label group;
4 first data; and
5 a first trailer label group.

1 31. (Presently Canceled) The computer program product of claim 30, further
2 comprising:

3 computer readable program code which causes said programmable computer
4 processor to write said first header label group to said moving data storage medium;

5 computer readable program code which causes said programmable computer
6 processor to write a first tape mark adjacent said first header label group;

7 computer readable program code which causes said programmable computer
8 processor to write said first data adjacent said first tape mark;

9 computer readable program code which causes said programmable computer
10 processor to write a second tape mark adjacent said first data;

11 computer readable program code which causes said programmable computer
12 processor to write said first trailer label group adjacent said second tape mark; and

13 computer readable program code which causes said programmable computer
14 processor to write a third tape mark adjacent said first trailer label group.

1 32. (Presently Amended) ~~The computer program product of claim 29, further~~
2 ~~comprising:~~ A computer program product usable with a programmable computer
3 processor having computer readable program code embodied therein for disposing
4 information on a data storage medium using a data storage device comprising a
5 read/write head, comprising:

6 computer readable program code which causes said programmable computer
7 processor to receive a first command to record first information on said data storage
8 medium;

9 computer readable program code which causes said programmable computer
10 processor to receive said first information, wherein said first information comprises a first
11 header label group, first data, and a first trailer label group;

12 computer readable program code which causes said programmable computer
13 processor to move said data storage medium in a first direction;

14 computer readable program code which causes said programmable computer
15 processor to record said first information on said moving data storage medium beginning
16 at a first time;

17 computer readable program code which causes said programmable computer
18 processor to receive a first deferred conditional write tape mark command;

19 computer readable program code which causes said programmable computer
20 processor to set a first deferred conditional tape mark indicator at a second time;

21 computer readable program code which causes said programmable computer
22 processor to write said first header label group to said moving data storage medium;

23 computer readable program code which causes said programmable computer
24 processor to write a first tape mark adjacent said first header label group;
25 computer readable program code which causes said programmable computer
26 processor to write said first data adjacent said first tape mark;
27 computer readable program code which causes said programmable computer
28 processor to write a second tape mark adjacent said first data;
29 computer readable program code which causes said programmable computer
30 processor to write said first trailer label group adjacent said second tape mark;
31 computer readable program code which causes said programmable computer
32 processor to write a third tape mark adjacent said first trailer label group;
33 computer readable program code which causes said programmable computer
34 processor to specify a deferred conditional tape mark indicator time interval; and
35 computer readable program code which causes said programmable computer
36 processor to maintain said first deferred conditional tape mark indicator during said
37 deferred conditional tape mark indicator time interval.

1 33. (Original) The computer program product of claim 32, wherein said deferred
2 conditional tape mark indicator time interval is between about 5 seconds and about 20
3 seconds.

1 34. (Original) The computer program product of claim 33, wherein said deferred
2 conditional tape mark indicator time interval is about 10 seconds.

1 35. (Original) The computer program product of claim 32, further comprising:
2 computer readable program code which causes said programmable computer
3 processor to receive a second command at a third time to record second information on

4 said data storage medium, wherein the time interval between said second time and said
5 third time is less than said deferred conditional tape mark indicator time interval;
6 computer readable program code which causes said programmable computer
7 processor to receive said second information;
8 computer readable program code which causes said programmable computer
9 processor to reset said first conditional deferred tape mark indicator;
10 computer readable program code which causes said programmable computer
11 processor to move said data storage medium in said first direction;
12 computer readable program code which causes said programmable computer
13 processor to record said second information on said moving data storage medium;
14 computer readable program code which causes said programmable computer
15 processor to receive a second deferred conditional write tape mark command;
16 computer readable program code which causes said programmable computer
17 processor to set a second deferred conditional tape mark indicator at a fourth time;
18 computer readable program code which causes said programmable computer
19 processor to move said data storage medium only in said first direction during the time
20 interval between said first time and said fourth time.

1 36. (Original) The computer program product of claim 35, wherein said second
2 information comprises:

3 a second header label group;
4 second data; and
5 a second trailer label group.

1 37. (Original) The computer program product of claim 36, further comprising:

2 computer readable program code which causes said programmable computer
3 processor to write said second header label group to said moving data storage medium
4 adjacent said third tape mark;

5 computer readable program code which causes said programmable computer
6 processor to write a fourth tape mark to said moving data storage medium adjacent said
7 second header label group;

8 computer readable program code which causes said programmable computer
9 processor to write said second data to said moving data storage medium adjacent said
10 fourth tape mark;

11 computer readable program code which causes said programmable computer
12 processor to write a fifth tape mark to said moving data storage medium adjacent said
13 second data;

14 computer readable program code which causes said programmable computer
15 processor to write said second trailer label group to said moving data storage medium
16 adjacent said fifth tape mark; and

17 computer readable program code which causes said programmable computer
18 processor to write a sixth tape mark to said moving data storage medium adjacent said
19 second trailer label group.

1 38. (Original) The computer program product of claim 35, further comprising:

2 computer readable program code which causes said programmable computer
3 processor to receive a second command, wherein said second command causes motion of
4 said data storage medium in a second direction or causes synchronization of said data
5 storage medium;

6 computer readable program code which causes said programmable computer
7 processor to reset said first deferred conditional tape mark indicator;
8 computer readable program code which causes said programmable computer
9 processor to dispose a double tape mark on said data storage medium by writing a fourth
10 tape mark adjacent said third tape mark;
11 computer readable program code which causes said programmable computer
12 processor to move said data storage medium in a second direction;
13 computer readable program code which causes said programmable computer
14 processor to position said read/write head between said third tape mark and said fourth
15 tape mark.

1 39. (Original) The computer program product of claim 38, further comprising:

2 computer readable program code which causes said programmable computer
3 processor to determine if said double tape mark was successfully written to said data
4 storage medium; and

5 computer readable program code which causes said programmable computer
6 processor to determine if said read/write head was successfully positioned between said
7 third tape mark and said fourth tape mark.

1 40. (Original) The computer program product of claim 39, wherein said double
2 tape mark was not successfully written to said data storage medium, and wherein said
3 read/write head was successfully repositioned between said third tape mark and said
4 fourth tape mark, further comprising computer readable program code which causes said
5 programmable computer processor to a series of computer readable program steps to
6 indicate an UNWRITTEN DEFERRED TAPE MARK error message.

41. (Original) The computer program product of claim 39, wherein said double tape mark was successfully written to said data storage medium, and wherein said read/write head was not successfully repositioned between said third tape mark and said fourth tape mark, further comprising computer readable program code which causes said programmable computer processor to a series of computer readable program steps to indicate a DATA CHECK/LOST POSITIONING error message.

42. (Original) The computer program product of claim 39, wherein said double tape mark was not successfully written to said data storage medium, and wherein said read/write head was not successfully repositioned between said third tape mark and said fourth tape mark, further comprising:

computer readable program code which causes said programmable computer processor to indicate a DATA CHECK/LOST POSITIONING error message; and
computer readable program code which causes said programmable computer processor to indicate an UNWRITTEN DEFERRED TAPE MARK error message.

43. (Presently Added) A method to dispose information on a data storage medium using a data storage device, comprising the steps of:

providing a first command instructing said data storage device to record first information on said data storage medium;

providing said first information to said data storage device, wherein said first information comprises a first header label group, first data, and a first trailer label group;

disposing said data storage medium in said data storage device;

moving said data storage medium in a first direction;

9 recording said first information beginning at a first time on said moving data
10 storage medium;
11 issuing a first deferred conditional write tape mark command;
12 setting at a second time a first deferred conditional tape mark indicator;
13 writing said first header label group to said moving data storage medium;
14 writing a first tape mark adjacent said first header label group;
15 writing said first data adjacent said first tape mark;
16 writing a second tape mark adjacent said first data;
17 writing said first trailer label group adjacent said second tape mark;
18 writing a third tape mark adjacent said first trailer label group;
19 specifying a deferred conditional tape mark indicator time interval;
20 maintaining said first deferred conditional tape mark indicator during said
21 deferred conditional tape mark indicator time interval.

1 44. (Presently Added) The method of claim 43, wherein said deferred
2 conditional tape mark indicator time interval is between about 5 seconds and about 20
3 seconds.

1 45. (Presently Added) The method of claim 44, wherein said deferred
2 conditional tape mark indicator time interval is about 10 seconds.

1 46. (Presently Added) The method of claim 43, further comprising the steps of:
2 providing a second command at a third time instructing said data storage device to
3 record second information on said data storage medium, wherein the time interval
4 between said second time and said third time is less than said deferred conditional tape
5 mark indicator time interval;

6 providing said second information to said data storage device;
7 resetting said first conditional deferred tape mark indicator;
8 recording said second information on said moving data storage medium;
9 issuing a second deferred conditional write tape mark command;
10 setting a second deferred conditional tape mark indicator at a fourth time;
11 moving said data storage medium only in said first direction during the time
12 interval between said first time and said fourth time.

47. (Presently Added) The method of claim 46, wherein said second information
comprises:

a second header label group;
second data; and
a second trailer label group.

48. (Presently Added) The method of claim 47, further comprising the steps of:

writing said second header label group to said moving data storage medium
adjacent said third tape mark;

writing a fourth tape mark to said moving data storage medium adjacent said
second header label group;

writing said second data to said moving data storage medium adjacent said fourth
tape mark;

writing a fifth tape mark to said moving data storage medium adjacent said
second data;

writing said second trailer label group to said moving data storage medium
adjacent said fifth tape mark; and

12 writing a sixth tape mark to said moving data storage medium adjacent said
13 second trailer label group.

1 49. (Presently Added) The method of claim 43, wherein said data storage device
2 comprises a read/write head, further comprising the steps of:

3 providing a second command to said data storage drive, wherein said second
4 command causes motion or synchronization of said data storage medium;

5 resetting said first deferred conditional tape mark indicator;

6 disposing a double tape mark on said data storage medium by writing a fourth
7 tape mark adjacent said third tape mark;

8 moving said data storage medium in a second direction;

9 repositioning said read/write head between said third tape mark and said fourth
10 tape mark.

1 50. (Presently Added) The method of claim 49, further comprising the steps of:

2 determining if said double tape mark was successfully written to said tape;

3 determining if said read/write head was successfully positioned between said third
4 tape mark and said fourth tape mark.

1 51. (Presently Added) The method of claim 50, wherein said double tape mark
2 was not successfully written to said tape, and wherein said read/write head was
3 successfully repositioned between said third tape mark and said fourth tape mark, said
4 method further comprising the step of indicating an UNWRITTEN DEFERRED TAPE
5 MARK error message.

1 52. (Presently Added) The method of claim 50, wherein said double tape mark
2 was successfully written to said tape, and wherein said read/write head was not

3 successfully repositioned between said third tape mark and said fourth tape mark, said
4 method further comprising the step of indicating a DATA CHECK/LOST
5 POSITIONING error message.

1 53. (Presently Added) The method of claim 50, wherein said double tape mark
2 was not successfully written to said tape, and wherein said read/write head was not
3 successfully repositioned between said third tape mark and said fourth tape mark, said
4 method further comprising the steps of:
5 indicating a DATA CHECK/LOST POSITIONING error message; and
6 indicating an UNWRITTEN DEFERRED TAPE MARK error message.
